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ABSTRACT OF THE DISCLOSURE

A shaft-hub connection between one shaft segment comprises one central toothed segment, the same as adjacent centering segments and one stepped hole in a hub, in which the shaft and the hub are jointed in axial direction and by the toothed shaft segment a positive fit is formed with the hub, in which the front centering segment, lying in joint direction, has a diameter (d_1) and the toothed shaft segment, the same as the rear centering segment lying in joint direction, has a diameter (d_2) larger than (d_1). It is proposed that the hole has only two adjacent segments (I), (II) of different diameters (D_1) and (D_2), that the diameter (d_1) in the centering segment with the diameter (D_1), the same as the diameter (d_1) in the centering segment with the diameter (D_2), form a respective joint fit and the diameter (d_2) in the area with the diameter (D_1) forms the positive fit.